

19970806.qrp v00\_n810.qrs.970806

>From ???@??? Thu Aug 07 06:05:56 1997  
Date: Wed, 6 Aug 1997 19:04:57 EDT  
Subject: QRP-L digest 810  
Message-Id: <97Aug6.194404edt.35382-66622+133@fidoii.cc.Lehigh.EDU>

QRP-L Digest 810

Topics covered in this issue include:

- 1) [24378] Re: altoids found  
by Ed Loranger <we6w@qsl.net>
- 2) [24379] Altoids Alert  
by w8lrm@juno.com (Albert K. Rea)
- 3) [24380] Re: Altoids Alert  
by chunt@macromedia.com (Christian Hunt)
- 4) [24381] Re: altoids found  
by Chris Trask <ctrask@primenet.com>
- 5) [24382] Re: UPS strike  
by n4oln@juno.com
- 6) [24383] power diode with low voltage loss  
by faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
- 7) [24384] Re: UPS strike  
by Mike Duke <K5xu@cris.com>
- 8) [24385] thanks!  
by maprath@prairienet.org (Mark A. Prather)
- 9) [24386] Re: UPS strike  
by Chris Trask <ctrask@primenet.com>
- 10) [24387]  
by rfurlong@kutpnet.uucp.netcom.com
- 11) [24388] Re:Radio Library Books  
by n1pwu@juno.com (Robert K Berlyn)
- 12) [24389] Re: Altoids Alert  
by "ukii" <ukii@megsinet.net>
- 13) [24390] A counterpoint on UPS vs. USPS  
by Conway Yee <cyee@bidmc.harvard.edu>
- 14) [24391] NOT QRP, SRI  
by nskousen@scientech.com (Niel Skousen)
- 15) [24392] Mini-Yagi and 5 Watts Snags a VK4 !!!  
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 16) [24393] Re: Mini-Yagi and 5 Watts Snags a VK4 !!!  
by Monte Stark <ku7y@sage.dri.edu>
- 17) [24394] Re: Altoids Alert  
by Dan Hogan <dhhogan@lightside.com>
- 18) [24395] Q multiplier  
by Steven Weber <kd1jv@moose.ncia.net>
- 19) [24396] Re: A counterpoint on UPS vs. USPS

- by "Ranson J. Pelt" <pelt@vt.edu>
- 20) [24397] Re: Altoids Alert  
by Chris Trask <ctrask@primenet.com>
- 21) [24398] Re: Q multiplier  
by Dale Anderson <dalea@artemis.fc.hp.com>
- 22) [24399] FREE(YOU SHIP) CQ/73 MAGS  
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 23) [24400] small Paddle update  
by "Jeff M. Gold" <jmg@tntech.edu>
- 24) [24401] K0FRP Al  
by "duane" <duane@flinet.com>
- 25) [24402]  
by "Leonard J. Barish" <barish@kutztown.edu>
- 26) [24403] Re: Mini-Yagi and 5 Watts Snags a VK4  
by Joe Gervais <vole@primenet.com>
- 27) [24404] Re: Altoids Alert  
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 28) [24405] Re: Mini-Yagi and 5 Watts Snags a VK4  
by tahrens1@juno.com (Timothy H Ahrens)
- 29) [24406] 38S Mods  
by n4js@amsat.org
- 30) [24407] Re: Q multiplier  
by Steven Weber <kd1jv@moose.ncia.net>
- 31) [24408] Re: Noisebuster Headphones  
by sarraf@thermacore.com
- 32) [24409] SG-2020 Transceiver  
by James Parsons <k5rov@worldnet.att.net>
- 33) [24410] CQC Summer QSO Party  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 34) [24411] CQC to increase dues  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 35) [24412] Numerous Questions?  
by "Brian K. Short" <shortckt@primenet.com>
- 36) [24413] AZNM Combined Fox Strike Team  
by torell@sicom.com (Kent Torell)
- 37) [24414] Interesting note on UPS  
by "Ron Polityka" <wb3aal@talon.net>
- 38) [24415] Re: AZNM Combined Fox Strike Team  
by Chris Trask <ctrask@primenet.com>
- 39) [24416] Re: Numerous Questions?  
by Conway Yee <cyee@bidmc.harvard.edu>
- 40) [24417] Re: AZNM Combined Fox Strike Team  
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 41) [24418] CW training  
by ea8yu Goran <rodriguez@jet.es>
- 42) [24419] Solar Electric, Inc.?  
by The Boices <boice@bigfoot.com>
- 43) [24420] Charging NICADs in rig

- by ea8yu Goran <rodriguez@jet.es>
- 44) [24421] Wilderness Radio es SST-XX availability ??  
by John Evans - N0HJ <jaevans@codenet.net>
- 45) [24422] Re: Mini-Yagi Design (long)  
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 46) [24423] Re: Numerous Questions?  
by Conway Yee <cyee@bidmc.harvard.edu>
- 47) [24424] QRP AField, relay, from W1CSB  
by wa5whn@juno.com
- 48) [24425] PIXIE2 330 mW Success!!!!  
by Ed Loranger <we6w@qsl.net>
- 49) [24426] 80 Watts QRP to a wet Railroad Tie!  
by Ed Loranger <we6w@qsl.net>
- 50) [24427] Re: Wilderness Radio es SST-XX availability ??  
by Kory Hamzeh <kory@avatar.com>
- 51) [24428] Re: AZNM Combined Fox Strike Team  
by Bill Myers <bjmyers@arc.net>
- 52) [24429] CW operating procedures  
by Jim Glover <psykey@okcforum.org>
- 53) [24430] 10.7cm Flux Values  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 54) [24431] FDIM paper  
by Bob Liesenfeld <wb0poq@visi.com>
- 55) [24432] Re: CW training  
by "Marshall Emm" <mgemm@mtechnologies.com>

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Date: Tue, 05 Aug 1997 16:20:23 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: k0gjx@msn.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [24378] Re: altoids found  
Message-ID: <33E7B537.338C@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Chuck. FB on the altoids and QRP construction quest.

I would recommend 'dead Bug', also known as 'Ground Plane' construction within the tin. I think half the problem with low-power out of my Pixie2 is due to the PC Board ground and no Ground Plane.

I built a pixie2 for a Novice, on a ground plane, and it seems to be MUCH quieter on RX with virtually no BC commentary.....

Ground Plane construction took me about 45 minutes. Point to point wiring was fairly easy.

You'll love that 'curiously Strong' Pixie2.

74/Ed Loranger

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72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Tue, 5 Aug 1997 19:27:26 edt  
From: w8lrm@juno.com (Albert K. Rea)  
To: qrp-1@Lehigh.EDU  
Subject: [24379] Altoids Alert  
Message-ID: <19970805.192743.12175.1.w8lrm@juno.com>

I was in my local Ace Hardware store today and they had Altoids at the check-out counter. Don't know if all of their stores have them but ours does.

72.....de.....

Al W8LRM  
St Joseph, Michigan  
on Michigans Sunset Coast

-----  
Date: Tue, 5 Aug 1997 16:50:43 -0700  
From: chunt@macromedia.com (Christian Hunt)  
To: qrp-1@Lehigh.EDU  
Subject: [24380] Re: Altoids Alert  
Message-ID: <v02140b07b00d6c1b8718@[198.95.203.216]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I was in my local Ace Hardware store today and they had Altoids  
>at the check-out counter. Don't know if all of their stores have them  
>but ours does.

You can get Altoids by the case at our local Costco for really cheap. Should

73, KF6IHU

Circuit Design for the  
RF Impaired

Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

Technical Editor,  
QRP Quarterly  
QRP ARCI 9464

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)

Graphics by Loek Frederiks

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Date: Tue, 5 Aug 1997 20:21:30 -0700  
From: n4oln@juno.com  
To: kd1jv@moose.ncia.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [24382] Re: UPS strike  
Message-ID: <19970805.204949.5734.1.n4oln@juno.com>

We need to realize that the US postoffice is still in business and a much better deal for us little folks.  
I support their cause for striking but there is a choice in services.  
72's, Gary-N4oln

-----  
Date: Tue, 5 Aug 1997 18:30:47 -0700  
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)  
To: qrp-1@Lehigh.EDU  
Subject: [24383] power diode with low voltage loss  
Message-ID: <199708060130.SAA22978@netcom6.netcom.com>

I'm looking for a 25-30A diode with low forward drop for power supply isolation without throwing away a lot of voltage. Does anyone have some recommendations or even hints?

I know this isn't actually QRP, but this is the best informed group of home-brewers around, and I don't have data books for this stuff anymore.

Ob-QRP reference: The NorCal QRP Club meeting can now be reached by BART (Dublin-Pleasanton) and my QRP bicycle (Brompton folder).

73, doug

-----  
Date: Tue, 5 Aug 1997 21:42:04 -0400 (EDT)  
From: Mike Duke <K5xu@cris.com>  
To: Steven Weber <kd1jv@moose.ncia.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [24384] Re: UPS strike  
Message-ID: <Pine.SUN.3.96.970805214058.9411C-1000000@galileo.cris.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, since the subject has been brought up by someone else first:

I understand that FedEx is buying Ups.

The new company will be known as FedUp!  
72/73,  
Mike

AMATEUR RADIO STATION K 5 X U  
Jackson, Mississippi

-----  
Date: Tue, 5 Aug 1997 22:08:07 -0500 (CDT)  
From: maprath@prairienet.org (Mark A. Prather)  
To: qrp-l@Lehigh.EDU  
Subject: [24385] thanks!  
Message-ID: <199708060308.WAA25879@firefly.prairienet.org>

I want to thank everyone who responded to my post regarding  
Windom antennas! I am overwhelmed by the response! Sorry, but  
there are just too many to answer each one individually.

Again - Thanks!

73, Mark

--  
\* Mark A. Prather - WB9HFK           \* maprath@prairienet.org \*  
\* QRP ARCI #9472   - QRP-L #1159 \* mprather@halcomm.com   \*

-----

Date: Tue, 5 Aug 1997 21:23:27 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: n4oln@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [24386] Re: UPS strike  
Message-ID: <Pine.BSI.3.96.970805211941.8063A-1000000@usr07.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 Aug 1997 n4oln@juno.com wrote:

> We need to realize that the US postoffice is still in business and a much  
> better deal for us little folks.  
>

I mailed a 14-lb package from Phoenix to Philadelphia today. I already knew that it would cost \$18.20 to send it parcel post, but I didn't know that for \$0.05 (yep, five cents) more, I could send it by priority mail, 2nd day delivery.

Just try to get a deal like that from ANYONE else.

> I support their cause for striking but there is a choice in services.  
>

That's right. Part-time work at \$8/hr is no life at all. Try to support yourself, let alone a family, on that income.

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/ If you understand it, \
/ then it's obsolete!   \
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Circuit Design for the  
RF Impaired

Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

Technical Editor,  
QRP Quarterly  
QRP ARCI 9464

Email: ctrask@primenet.com

Graphics by Loek Frederiks

-----



Date: Tue, 05 Aug 97 16:16:12  
From: rfurlong@kutpnet.uucp.netcom.com  
To: qrp-l@Lehigh.EDU  
Message-ID: <9707058708.AA870822972@kutpnet.kutpnet.uucp.netcom.com>

Hello everyone. I am looking for a couple of books for my radio library. "QRP Data Book for Homebrewes and QRPers" is one and books printed by Sams in the late 1960's about Ham Radio. One is called, 101 Easy Ham Radio Projects by Michael Brown. This book has construction projects for QRP one and two tube transmitters and receivers. Any leads would be helpful. Thanks

-----  
Date: Wed, 6 Aug 1997 07:39:04 -0400  
From: n1pwu@juno.com (Robert K Berlyn)  
To: rfurlong@kutpnet.uucp.netcom.com  
Cc: QRP-L@Lehigh.EDU  
Subject: [24388] Re:Radio Library Books  
Message-ID: <19970806.073905.3430.0.N1PWU@juno.com>

On Tue, 05 Aug 97 16:16:12 rfurlong@kutpnet.uucp.netcom.com writes:  
>  
> Hello everyone. I am looking for a couple of books for my radio  
> library. "QRP Data Book for Homebrewes and QRPers" is one and  
>books

Good morning,

"QRP Data Book for Homebrewers and QRP'ers", by Paul Harden is available from HB Electronics,( HB.Electronics@Businesson.Com) along with lots of other great stuff.

Bob

N1PWU                      QRP-L # 161                      NE-QRP # 226  
East Greenwich, RI  
[HTTP://www.businesson.com/HAMPARTS](http://www.businesson.com/HAMPARTS)

-----  
Date: Wed, 6 Aug 1997 07:37:40 -0500  
From: "ukii" <ukii@megsinet.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [24389] Re: Altoids Alert  
Message-ID: <m0ww5b3-003u6rC@megsinet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Howdy...

Altoids in a HARDWARE store!

Is it possible that the Norcal 49er and QRPers has influenced  
Altoids Marketing strategy!

Will we soon see transistors and twinlead in "cardpacks" at the  
local 7-11 or Shell Gas station?!

Wow,if QRP-L has such an influence,can I still buy some stock?!?

Great Gang here,lets keep it that way !

73 de john

n9ukx

\*\*\* Pursuant to qrPENAL code Section 7 Article 3 \*\*\*  
"Failure to use a Code Sending device on a regular  
basis may result in an IMMEDIATE FORFEITURE of  
the Morse Code Portions of the Bands"

-----  
Date: Wed, 6 Aug 1997 09:15:41 EDT  
From: Conway Yee <cyee@bidmc.harvard.edu>  
To: <qrp-1@Lehigh.EDU>  
Subject: [24390] A counterpoint on UPS vs. USPS  
Message-ID: <08061997091541.3N2549T@email.bidmc.harvard.edu>

Just a few points...

- 1) UPS will pick up your package.  
USPS requires you to show up at their office and sign some stupid  
form saying that you aren't sending a bomb. You also have to  
stand in line next to forever.
- 2) UPS packages come with insurance. USPS doesn't can be purchased  
separately.
- 3) USPS guarantees their overnight delivery. USPS doesn't. Under the  
old USPS overnight service, I once received a package from NY to

Philly after 2 weeks. By that time I had already visited NY twice.

Incidentally, there is no difference between USPS two day mail and regular mail. They are both handled by your postman. The USPS says that GENERALLY, packages are delivered in two days. I have found that when UPS says two days, they mean it. When USPS says it, they mean RSN. Definitely not a real-time operating system.

tnx es 73 de Conway Yee, N2JWQ

-----  
Date: Wed, 6 Aug 1997 07:44:19 -0600  
From: nskousen@scientech.com (Niel Skousen)  
To: qrp-1@Lehigh.EDU  
Subject: [24391] NOT QRP, SRI  
Message-ID: <v01510102b00e2e7e9ccd@[205.180.127.68]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Looking for some tech info/advice. Observing a 4+dB peak in the passband of a 153 Mhz SAW filter... Filter is 150kc wide, peak is 20kc wide... Termination ?? Looking for input/advice via direct e.mail, NOT LIST...

Sorry abt the non-QRP post gang...

OBQRP:  
just got a custom xtal 11.115M (\$9.00 fr MHElectronics, good folks...), my 40m SST will shortly be 40/40Novice... Neat radio !!, work keeps me pretty jammed up when it comes to kits. Having the case, knobs etc, is the difference between a 6-9mo build and a finished (and used) kit for me....  
TNX agn Wayne !!

Niel

-----  
Date: Wed, 06 Aug 1997 08:53:47 -0500  
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [24392] Mini-Yagi and 5 Watts Snags a VK4 !!!  
Message-ID: <33E88063.36B5@uts.cc.utexas.edu>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi gang,

I've been on vacation for two weeks and have been sorely deprived of any time on the air. I have been needing to do some work on my mini-yagi 2 element wire beam and decided last night was the night to do it.

I needed a longer mast because one-side of the yagi was hitting the side of the house. I went to Home Depot bought a 13ft closet pole and swapped it for the 10 footer. It now clears the roof line, but is still lower than the top of the house. It is very close to a half wave high on 20 meters, about 32 feet. I also wanted to cut the transmission line to a half wave length so got out the Autek RF-1 and went to work. I finished soldering the connections in the dark by hanging one of those flexible flashlights around my neck. (Only one of my neighbors called in a UFO sighting!) That mysterious bobbing and weaving of light in the back yard was just that "crazy ham next door." I hoisted the beam, lashed it to my deck railing and connected it to my Emtech NW20.

By this time it was about 0445z or 11:45 pm local and I initially thought the band was dead. Started tuning around 14.060 to see if any other crazy QRPers were out that late, but didn't hear a thing. I tuned down the band and heard a pretty strong CQ around 14.030 Mhz. I heard him sign as VK4XA. I said to myself, "What the heck, can't hurt to try." I gave him one call and he came back the first time and gave me a 559. He was in Brisbane, Australia and hunting DX so we just exchanged the basics and he went on his way. On my last transmission I told him I was QRP running 5 watts and he came back and said, "Great job for QRP!" He also promised to QSL via the Bureau :-)

After I signed with the VK4, I thought I would check the SWR on my revised antenna. I just about fell over when I saw that it was reading 3.0:1. By raising the antenna 3 feet and getting the antenna farther away from the roof and side of the house, the resonant point moved from 14.050 to 14.150. Wire beams don't have the bandwidth so the SWR shot up pretty fast.

Bottom line: This linear loaded wire beam yagi works and when the propagation gods are smiling you can work DX...even with a pretty high SWR. Reinforces my bias that SWR isn't something I should lose sleep over.

When I get my film back, I'll put some pictures and a more complete description of the antenna on my web page. With the new mast, my total cost has now jumped to nearly \$40, but it has been a great investment. Everything I read suggests that linear loaded wire antennas aren't very

efficient, but after working Australia on 5 watts, you can't prove it by me :-)

72,

Gary, KJ5VW

-----  
Date: Wed, 6 Aug 1997 07:20:16 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [24393] Re: Mini-Yagi and 5 Watts Snags a VK4 !!!  
Message-ID: <Pine.SUN.3.90.970806071838.27344A-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gary,

Good job!

And this should be a good example of why we really don't need to get too worried about a little SWR.

Enjoy,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Wed, 06 Aug 1997 07:37:19  
From: Dan Hogan <dhhogan@lightside.com>  
To: qrp-l@Lehigh.EDU  
Subject: [24394] Re: Altoids Alert  
Message-ID: <3.0.1.16.19970806073719.20ef9cea@mail.lightside.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

OK, I was going to stay out of this, but...I took the wife shopping to a white sale at a "Linens & THINGS" store. There, at every checkout counter, were Altoids!

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,  
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949  
ARS #282, Grid: DM84wc

-----  
Date: Wed, 06 Aug 1997 09:51:33  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@Lehigh.EDU  
Subject: [24395] Q multiplier  
Message-ID: <3.0.1.16.19970806095133.23fff700@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

This months (Aug '97) issue of \*73\* has a neat circuit for a simple Q multiplier. Basicly a FET and transistor current source to produce a negative resistance. Hook it up across a coil and the Q goes up.

Haven't tried it yet, but looks like just the thing to get better selectivity out of a single coil tuned front end, such as in the 38S.

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Wed, 06 Aug 1997 11:15:26 -0400  
From: "Ranson J. Pelt" <pelt@vt.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [24396] Re: A counterpoint on UPS vs. USPS  
Message-ID: <3.0.32.19970806111525.0069a3e8@mail.vt.edu>  
Mime-Version: 1.0  
Content-Type: text/enriched; charset="us-ascii"

>Just a few points...

>

>1) UPS will pick up your package.

>

>2) UPS packages come with insurance. USPS doesn't can be purchased

> separately.

>

>3) USPS guarantees their overnight delivery. USPS doesn't.

>

Yes, but USPS is running. UPS is NOT (well maybe only 10%).

Ranson J. Pelt

QST de w4wyt ex-nz4i

semper fi

-----

Date: Wed, 6 Aug 1997 08:39:09 -0700 (MST)

From: Chris Trask <ctrask@primenet.com>

To: Dan Hogan <dhhogan@lightside.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [24397] Re: Altoids Alert

Message-ID: <Pine.BSI.3.96.970806083807.2124B-100000@usr10.primenet.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 6 Aug 1997, Dan Hogan wrote:

> OK, I was going to stay out of this, but...I took the wife shopping to a  
> white sale at a "Linens & THINGS" store. There, at every checkout counter,

>

Is anybody actually eating these things? No, not the can!! :{)

oo\  
(\_\_)

Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

QRP ARCI 9464

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)

Graphics by Loek Frederiks

.....

>

No flames pse, that's the way I learned it. I'm just wondering at which point does increases in Q either no-longer help or actually cause problems in a front end application like that of the 38s.



Thanks,  
-Dale, KB0VCC  
Fort Collins, CO

-----  
Date: Wed, 6 Aug 1997 10:40:59 -0500  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
To: qrp-1@Lehigh.EDU  
Subject: [24399] FREE(YOU SHIP) CQ/73 MAGS  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part

Gang,

I have acquired partial sets of the following magazines:

73 - 1/90 thru 11/90  
      1/91 thru 11/91  
      1/92 thru 11/92  
      1/93 thru 11/93  
      1/94 only

all Dec. issues mysteriously missing!

CQ - 7/90 thru 11/90  
      1/91 thru 11/91  
      1/92 thru 11/92 missing 4/92, 12/92 issues  
      1/93 thru 11/93 missing 4/93, 12/93 issues

These issues have many good QRP articles relating to homebrew, antennas, operating, etc. I liked seeing the propagation reports back then - spots at 154, flux in 200's! Ah, wish those condx were here now.

These are free for the taking. All I'm asking is help with the postage. Will even ship via UPS (just kidding). I'd like to give these away as sets, rather than as single issues. If that doesn't work out, I'll post again and we can talk about single issues.

Please post a message directly to me and we can work out the details!

Thanks.

73 de Dave NR3E/5

nr Dallas, TX

qrp-1 #25, ARRL

WIMPS: Qs=054 30m=041 17m=08 12m=05 States=027/05/04

DX=02/00/01

-----  
Date: Wed, 06 Aug 1997 10:56:50 -0500  
From: "Jeff M. Gold" <jmg@tntech.edu>  
To: QRP-L <qrp-1@Lehigh.EDU>  
Subject: [24400] small Paddle update  
Message-ID: <33E89EC2.14076C49@tntech.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

All,

Well had another few minutes. I sanded down the wood center post block for my Altoids keyer. The feel of the paddles is now quite sturdy and very sensitive.. just the way I like it. I think for the next one I will find a small plastic box.

I find it quite easy to use the paddles now and have successfully used them once I got the minor bugs out.. like when I pushed on the cover it sent dits.. should have put insulation on all connection ends. I also put some thick double stick tape on the bottom so the keyer no longer slides around the table.

72

Jeff, AC4HF

--

Jeff M. Gold, Manager  
Academic Computing Support  
Tennessee Technological University  
(615)372-3979

-----

Date: Wed, 6 Aug 1997 12:32:50 -0400  
From: "duane" <duane@flinet.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [24401] K0FRP A1  
Message-ID: <199708061637.MAA10617@shell.flinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hey Guys does anyone have A1's (K0FRP) email address  
I have it as ALK0FRP@aol.com but all my messages get  
returned. Did he change his address ? I've been on vacation. A1 if you  
happen to read this please send  
me the tracking number for the rotors, UPS has not arrived with it. I know  
their on strike but I'D like to know what warehouse it is in.

Duane AB4BE QRP-L#710  
<http://www.flinet.com/~duane>  
duane@flinet.com  
ab4be@amsat.org

-----  
Date: Wed, 6 Aug 1997 13:46:12 -0400 (EDT)  
From: "Leonard J. Barish" <barish@kutztown.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Message-ID: <Pine.SOL.3.91.970806133143.9117B-100000@atlantic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Time for a new antenna. I was going to put up a multi-band dipole with  
separate legs (radiators) cut for 40,30,& 20 meters to match my rigs. Is  
30 meters kosher on this tri-bander? How far should these legs be spaced  
apart? Are 6" spacings too little. What is the suggested minimum?

Since one end of my "Dipole" will be at 30' and the other end will be at  
15', would I be better off gong with an 80,40,30,20 inverted vee  
version. I do have the extra tree for that?

I read up on, and got the needed supplies for a 1 to 1 choke balun. If I  
stay with my not so level flat top, will it make a significant difference  
in the radiation pattern?

\*\*\*\*\*  
Len Barish N2BSC ITVA

Department of Telecommunications  
Kutztown University  
Kutztown, PA 19530  
Phone (610) 683-4490  
FAX (610) 683-4659

ARRL  
DLARC  
NORCAL  
Norcal 40A  
NW 8020

If the whole world is a stage, I want better lighting.

\*\*\*\*\*

-----

Date: Wed, 6 Aug 1997 10:50:41 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Cc: ghanson@uts.cc.utexas.edu  
Subject: [24403] Re: Mini-Yagi and 5 Watts Snags a VK4  
Message-ID: <199708061750.KAA01960@usr04.primenet.com>

Gary (KJ5VW) wrote:

> Bottom line: This linear loaded wire beam yagi works and when the  
> propagation gods are smiling you can work DX...even with a pretty high  
> SWR. Reinforces my bias that SWR isn't something I should lose sleep over.

Well, as long as the feedline isn't \*too\* lossy and the SWR  
isn't really high, of course. Unless QRPP is your bag. :-)

Check that feedline and tweak those antennas, folks. Fox Season  
is just around the corner! Wahoo! [ Coded message to AZNM Combined  
Fox Strike Team: The platypus is pining for the fjords. I repeat -  
the platypus is pining for the fjords. ]

Congrats on the nice DX, Gary!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It happens sometimes. People just explode. Natural causes." -Repo Man

-----

Date: Wed, 6 Aug 1997 10:56:44 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>

To: <ukii@megsinet.net>  
Cc: "QRP-L list server" <qrp-l@Lehigh.EDU>  
Subject: [24404] Re: Altoids Alert  
Message-ID: <199708061802.NAA20530@multi13.netcomi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

> Will we soon see transistors and twinlead in "cardpacks" at the  
> local 7-11 or Shell Gas station?!

Well, here in Silicon Valley, we have Fry's (groceries, computers, and electronic components). The 7-11 has a hard time competing here against the volume retailers in electronic parts. However, Fry's stock in surface mount components is a little slim, so there is a market opportunity.

Mike K1MG

-----  
Date: Wed, 6 Aug 1997 13:04:47 -0500  
From: tahrens1@juno.com (Timothy H Ahrens)  
To: vole@primenet.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [24405] Re: Mini-Yagi and 5 Watts Snags a VK4  
Message-ID: <19970806.131042.13502.1.tahrens1@juno.com>

On Wed, 6 Aug 1997 10:50:41 -0700 (MST) Joe Gervais <vole@primenet.com> writes:

>Check that feedline and tweak those antennas, folks. Fox Season  
>is just around the corner! Wahoo! [ Coded message to AZNM Combined  
>Fox Strike Team: The platypus is pining for the fjords. I repeat -  
>the platypus is pining for the fjords. ]

Oh, that's just Swell! First Badgers, now poor Platypus' pining.  
What's  
next?

HA! I got my decoder ring out of the box... really Joe, do you really think  
that strategy will work?!

Heah come de fox!!

cua11

Tim W5FN

-----  
Date: Wed, 06 Aug 1997 14:09:29 -0400 (EDT)  
From: n4js@amsat.org  
To: qrp-1@Lehigh.EDU  
Subject: [24406] 38S Mods  
Message-ID: <XFMail.970806141355.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

I looked at some of the recently suggested mods Gary posted. I opened up my 38S, with the intention of at least replacing C4, but I got cold feet. I don't hear any SWBC, so I decided if it ain't broke, don't fix it. My 5W mod was alraedy done the K1MG way, from QRPP, as was the output filter. I don't have a thump problem, so the only thing I did was mount a set of Galbraith paddles to the top of the case. The whole thing looks like a very compact keyer, not a whole rig! Hope to try it on the SLV tomorrow on the boat. Listen for me around 1500-1700Z. (Unless the fish are biting T00 good!)

Sent at 14:13:55 on 06-Aug-97

John L. Sielke n4js@amsat.org n4js@pobox.com  
n4js@qsl.net NJ Grid:FM29LN  
<http://www.qsl.net/n4js> NJ-QRP #57 QRP-L #884  
QRP-ARCI #9328 CQC #443 CQrp #50  
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243  
WIMPS Qs=032 30m=29 17m=3 12m=0 States=09/02/00 Countries=16/02/00

-----  
Date: Wed, 06 Aug 1997 14:13:09  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: dalea@artemis.fc.hp.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [24407] Re: Q multiplier  
Message-ID: <3.0.1.16.19970806141309.2e1fef28@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

> What is the OPTIMUM 'Q' for a tank circuit in that  
> application?..... I'm just wondering at which point does increases in Q  
either >no-longer help or actually cause problems in a front end  
application like >that of the 38s.  
> -Dale, KB0VCC

The 'Q' is too high when it turns an amplifier into an oscillator or produces an unacceptable amount of ringing. Q multipliers always have an adjustmet for this, including the circuit in \*73\*. Ideally, this control is front panel mounted so you can adjust it to the optimum setting for a given frequency. For a rig with a limited tuning range like the 38S, the control could be located inside and just set somewhere below the point of oscillation or excessive ringing.

A 'Q' mulitiplier works by cancling out the 'R' term in the Q formula. It does this by producing a "negative" resistance. Too much negative resistance and you have an oscillator. A simple tank circuit has a natural roll off of 6 dB per octave. The Q multiplier will increase this by a significant factor. (say 5 to 10 times) This will significantly increase the rejection of near by BCI or images.

Q mulitipliers were real popular back in the tube days, when 1st IF's were low in frequency and crystal filters were expensive and not commonly used. They often doubled as the BFO.

I don't have the article in front of me, but it uses one n channel J fet, a 2N3906, a trimmer, 3 or 4 resistors and a cap or two. Powered by 12 volts, I think, but I'm sure that is not too critical. I don't recall ever seeing a Q mulitplier implimented using solid state devices before this. Might be time to "rediscover" them.

BTW Dale, glad you didn't get washed away in those floods..nasty..

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Wed, 6 Aug 1997 15:09:02 -0400  
From: sarraf@thermacore.com  
To: we6w@qsl.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [24408] Re: Noisebuster Headphones  
Message-ID: <852564EB.0068982D.00@tci-nt02.thermacore.com>

Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

The current issue of Electronics Now has an article which describes the construction of a set of noise cancelling headphones. They use a microphone mounted on the outside of each earpiece, and an op-amp amplifier-inverter-summer. The completed 'phones should mask noise well, however I didn't read the article closely enough to see how they would handle intermittent noise such as people talking at you.

Dave Sarraf  
N3NDJ  
Elizabethtown, PA

-----  
Date: Wed, 06 Aug 1997 14:37:19 -0500  
From: James Parsons <k5rov@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [24409] SG-2020 Transceiver  
Message-ID: <33E8D26F.3375@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I got the following answer from SGC concerning the availability of their new SG-2020 transceiver:

"Subject:  
    Re: SGC-2020  
Date:  
    Wed, 6 Aug 97 19:29:52 +0000  
From:  
    SGCMKTG@aol.com  
To:  
    k5rov@worldnet.att.net

Dear James,

Thank you for the e-mail.

We are now looking at the end of October as our release date on the SG-2020.



Say tuned to our web site for the latest updates and most recent developments at sgcworld.com.

Best regards,  
Stephanie Deatrich"

73 de Jim, K5ROV  
--

James (Jim), Parsons, K5ROV USAF, Ret.  
k5rov@worldnet.att.net QCWA, NWQRP, Fists, ARRL  
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),  
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).  
JOHN 3:16

-----  
Date: Wed, 6 Aug 1997 13:48:55 +0000  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@Lehigh.EDU  
Cc: CQC Board <aa0xi@mtechnologies.com>  
Subject: [24410] CQC Summer QSO Party  
Message-ID: <199708061949.NAA12744@bobcat.sni.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The Colorado QRP Club's Summer QSO Party is coming up in a couple weeks. Details follow, or you can check them out on the web site:  
<http://www.mtechnologies.com/mthome/cqcevent.htm>

It's going to be fun, and if the last couple such events are any indication you should be able to work more than half of the states in the four hour contest period. Be There!

As usual, QSO's with CQC members are worth more, so you might wish to consider joining. There's an application form on the web site:  
<http://www.mtechnologies.com/mthome/cqc.htm> or if you don't have www capabilities you can send an SASE to CQC, PO Box 371883, Denver CO 80237-1883 or contact our secretary, Dick Schneider (AB0CD), at [rschneid@ix.netcom.com](mailto:rschneid@ix.netcom.com).

Also please note CQC subs are GOING UP from \$10/year to \$12/year on September 1st (from \$12 to \$15 for DX members) due to the cost of producing the Low Down (worth the price on by itself).

Multi-year subscriptions are ok, at the rate current when you join or renew.

73

Marshall Emm, N1FN/VK5FN

n1fn@mtechnologies.com

<http://www.mtechnologies.com/mthome>

CQC SUMMER QSO PARTY

Date/Time: Sunday, August 24, 1997 1800 to 2359 UTC

Exchange: RS(T), State/Province/Country, First Name, and  
Member # if CQC member, power output if not ie:

579 CO Jim NR 04

Suggested frequencies CW 1825, 3560, 3710, 7040, 7110,  
14060, 21060, 21110, 28060, 28110 SSB 1910, 3985, 7285, 14285,  
21385, 28385 No contacts on 30, 18 and 12 meters allowed.

Classes: Single Band, Multi-band, Novice/Tech (all single  
operator only)

QSO Points:

CW- CQC member 6 pts, non-member 4 pts

SSB- CQC member 3 pts, non-member 2 pts

The same station may be worked on different bands for  
additional QSO points and multipliers. Contact on the same  
band using a different mode counts for QSO points, but not as  
an additional multiplier.

Multipliers:

States/Provinces/Countries worked.

Names: Unique First Initials. Total of first names from  
Name sheet. One first name per letter of the alphabet. Name  
must be same as Callbook, QSL card, or name commonly known by.

Score:

Total Score = QSO Points x Multipliers x Names

\*Bonus points for working Club Station W0CQC - Add 1000  
points to your FINAL score for working W0CQC

Power: Stations must use 5 watts or less output, CW or SSB.

There are no power multipliers.

Awards: To Be Determined, Highest Score in each class.

Submit log showing:

Band Mode TimeUTC Station RST Rc'd SPC Name Memb#/Pwr Mult. Points

For sample Log, and Name sheets, send SASE and one unit first class postage to:

Jim-KG0PP-CQC Contest

P.O.Box 31575

Aurora, CO 80041-0575

73

Marshall Emm

N1FN/VK5FN

n1fn@mtechnologies.com

<http://www.mtechnologies.com/mthome>

(303)752-3382

--

-----  
Date: Wed, 6 Aug 1997 13:48:55 +0000

From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-l@Lehigh.EDU

Cc: CQC Board <aa0xi@mtechnologies.com>

Subject: [24411] CQC to increase dues

Message-ID: <199708061949.NAA12748@bobcat.sni.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

[The official notice was printed in The Low Down.]

The Board of Directors of the Colorado QRP Club, Inc has found it necessary to increase membership dues with effect from September 1st, 1997, primarily as a result of increased production costs for The Low Down.

Dues will increase from \$10 to \$12 per year for US members, and from \$12 to \$15 per year for DX members. Family membership will remain unchanged at \$2 per year.

As has always been the case, multiple year subscriptions are accepted. Persons wishing to join or renew for more than a year should calculate their payment using the rate

current at the time of joining or renewal.

Renewals, new membership applications, and correspondence in respect of this announcement should be directed to Secretary, CQC, PO Box 371883, Denver CO 80237-1883 (email [rschneid@ix.netcom.com](mailto:rschneid@ix.netcom.com)).

for the Board of Directors,  
Colorado QRP Club Inc....

Marshall G. Emm (N1FN)  
Vice President  
73  
Marshall Emm  
N1FN/VK5FN  
[n1fn@mtechnologies.com](mailto:n1fn@mtechnologies.com)  
<http://www.mtechnologies.com/mthome>  
(303)752-3382  
--

-----  
Date: Wed, 06 Aug 1997 20:00:04 +0100  
From: "Brian K. Short" <[shortckt@primenet.com](mailto:shortckt@primenet.com)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Cc: [HomeBrew@QSL.Net](mailto:HomeBrew@QSL.Net)  
Subject: [24412] Numerous Questions?  
Message-ID: <3.0.1.32.19970806200004.0074e12c@mailhost.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Apparently PCB material can be cut with a one-armed paper cutter? I was looking at same at Staples and they seem a bit flimsy?

Anyone know the best place to find HEAVY DUTY paper cutters?

Also, storing electronic components...

One of my handiest fixtures in my construction work bench area is a "file cabinet" (actually a 5-drawer) that I use for storing manuals as well as widgets (different drawers). Where is the best place to look for surplus cabinets (4 or 5 drawer, lateral, legal, or normal size)?

A visit to Home Depot revealed that personal organization "things" are quite trendy, but they did not have the older storage cabinet with parts drawers for components?

I have several of these (filled, labeled, etc with parts), but I need more after the enormous haul of surplus parts from the TRW Hamfest. Any idea where to find these surplus or inexpensive?

The local parts emporium had some yesterday, but they were \$12, is that as good as it gets?

Any other suggestions for the long-time addicted homebrewer?

"If you can't run with the big dogs, stay on the porch!"

Brian Short k7on@qsl.net <http://www.qsl.net/k7on>  
1994 E Laguna Dr Tempe, Az 85282 (602)839-3484

-----  
Date: Wed, 6 Aug 1997 12:41:24 -0700  
From: torell@sicom.com (Kent Torell)  
To: qrp-l@Lehigh.EDU  
Subject: [24413] AZNM Combined Fox Strike Team  
Message-ID: <v02130503b00e8206e4a3@[192.91.202.41]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

> The platypus is pining for the fjords.  
Authenticate: medallion. The kiwi is on the wing.

[note: I think we ought to change the code book, guys, to make this look a little more like 'normal' traffic... a flying kiwi? 'cmon!!! ]

Kent Torell   torell@sicom.com   602-607-4852  
SICOM   7585 E. Redfield, #202   Scottsdale, AZ   85260  
AB70A   scQRPion 6,qrp-l 57,ARCI 9075   DM33xn   33.55 N 112.078 W

-----  
Date: Wed, 6 Aug 1997 16:09:24 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [24414] Interesting note on UPS

Message-ID: <199708062015.QAA10976@pelican.talon.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I found out last night that if you have a package delivered via UPS Ground and you live in a rural area. The package will sit a couple of days in their building. So if you live in the sticks you might be better off having it sent Next Day Air!

73 & Good DXing

Ron de WB3AAL

wb3aal@talon.net

OWL's Radio Club

QRP # 5318	PA QSO Party 1996 Small Club Gavel
G-QRP # 3031	PA QSO Party 1996 Active Member, High
10-10 # 13173	Average Aggregate Award
QRP-L # 1099	

-----  
Date: Wed, 6 Aug 1997 13:43:07 -0700 (MST)

From: Chris Trask <ctrask@primenet.com>

To: Kent Torell <torell@sicom.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [24415] Re: AZNM Combined Fox Strike Team

Message-ID: <Pine.BSI.3.96.970806134202.27190E-1000000@usr09.primenet.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 6 Aug 1997, Kent Torell wrote:

> > The platypus is pining for the fjords.  
> Authenticate: medallion. The kiwi is on the wing.  
>  
> [note: I think we ought to change the code book, guys, to make this look a  
> little more like 'normal' traffic... a flying kiwi? 'cmon!!! ]  
>

But nobody would ever guess that one. Nor would they ever expect another Spanish Inquisition.

Oh, bugger!

Regards,



Date: Wed, 6 Aug 1997 14:07:04 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: <torell@sicom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [24417] Re: AZNM Combined Fox Strike Team  
Message-ID: <199708062107.QAA04645@multi13.netcomi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

>... [note: I think we ought to change the code book, guys, to make this  
look a  
> little more like 'normal' traffic... a flying kiwi? 'cmon!!! ]  
>  
> Kent Torell    torell@sicom.com    602-607-4852

Just throw in the keyword "badger" every so often and no one will be able  
to distinguish it from normal traffic.

-----  
Date: Wed, 06 Aug 1997 22:10:43 +0100  
From: ea8yu Goran <rodriguez@jet.es>  
To: qrp-l@Lehigh.EDU  
Subject: [24418] CW training  
Message-ID: <1.5.4.32.19970806211043.00676e18@jet.es>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi!

Before the sorrowfull death of CW in the maritime service I used to  
tape the news in CW (Saxpressen from SAG) and then listen to the tape  
driving to work. Helped a lot to learn to copy in my head - but did not  
work for callsigns, I can copy a joke on CW at least with doubble the  
speed I can copy a callsign.

There is a lot of interesting litterature on the net which could be used  
in the same way as the news but most of that is in HTML format. Does  
anyone know a program to change HTML to ASCII file so it can be used by  
for example the Super Morse program? It is not very nice to try to copy  
all those HTML commands in you head.

Saludos  
Goran    ea8yu



-----  
Date: Wed, 06 Aug 1997 14:09:10 -0700  
From: The Boices <boice@bigfoot.com>  
To: qrp-1@Lehigh.EDU  
Subject: [24419] Solar Electric, Inc.?  
Message-ID: <1.5.4.32.19970806210910.00677cd8@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Has anyone here dealt with a firm by the name of Solar Electric, Inc., 5555 Santa Fe St. #J, San Diego, CA 92109-1602? I'm in the market for pv panels, and they have a rock-bottom price on Uni-Solar 5.5 watt panels (\$59).

Their web page is rather plain, with little detail, and with their price so low, I'm curious as to how long they've been around, good customer service, refunds, etc.

73,  
mike KD0FX  
Richland WA

-----  
Date: Wed, 06 Aug 1997 22:14:17 +0100  
From: ea8yu Goran <rodriguez@jet.es>  
To: qrp-1@Lehigh.EDU  
Subject: [24420] Charging NICADS in rig  
Message-ID: <1.5.4.32.19970806211417.00671830@jet.es>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi!

I am boxing the NICADS with my NW8020 and I want to charge them with my home supply, 12 V. I do this by dividing the Nc into two 5 cell groups with a 3 pole 2 way switch and use a transistor with constant base voltage and a emitter resistor for each group of 5 cells to get constant current charging.

Is there a simpler way of doing it?

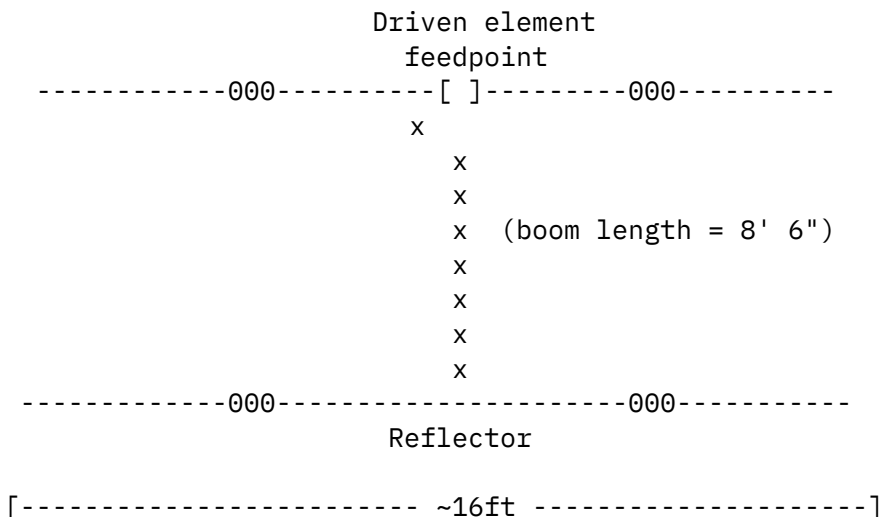
Saludos



Kevin and QRP-Ler's,

Thanks for the note and query. Here's a little more detail on my mini-yagi.

I used an inductive coil in the middle of each side of the beam elements. Looks something like this:



I wound the coils on a 4" length of PVC pipe with 32 turns of #22 vinyl covered hook-up wire. Then I ran #14 plastic covered for the main elements and cut them to resonate at 14.060 Mhz. I just used electrician's tape to hold the wire to the wooden dowels. I drilled holes through the PVC coils and wooden dowels and used brass nuts/bolts to secure them in place. Right now, I'm using RG58 50 ohm coax for the feedline and run it right into the NW20 without a tuner. I'm thinking of using 450 ohm ladder line with a tuner and see how that works.

I constructed the yagi elements out of 4 pieces of 5/8 inch wooden dowels driven into the PCV coils and small piece of oak 1 x 2 in the middle of the driven and reflector elements to attach the inner set of dowels. I then used small metal "L" brackets to attach the center 1 x 2's to the 8' 6" boom, also made out of an oak 1 x 2. I simply used a metal "U" bolt to attach the wooden closet pool to the boom.

It is very light, but I've not had any heavy winds to test it's durability. I doubt it will withstand heavy winds, but I made it for field day portable use and don't plan to leave it up very long at one time. I doubt the beam weighs more than 10-15 pounds at most. The neat thing is that the entire beam can be disassebled down to four foot lengths and carried in the back seat or trunk of a car (not the mast, obviously). You essentially have four coils and 8 sections of 4 foot

wooden dowels wrapped with wires. The boom can be hinged in the middle to fold into a four length as well. (Haven't done that yet, but will soon.)

Hope this makes sense. I've made about 10 contacts now and the worst report has been a 549, most are 559 to 579 with one 599 report. Worked Hawaii a couple weeks ago and that VK4 last night. For a temporary, easy to construct, install and use beam, I've been very pleased. The materials for the beam cost me about \$25 (mostly for the oak 1 x 2's and brass screws) and another \$15 dollars for the wooden closet pole. This may be one of the cheapest Yagi's you could build. I don't have another good 20 meter antenna to compare it with, but for now I'll take those 579 reports any day :-)

72,

Gary, KJ5VW

-----  
Date: Wed, 6 Aug 1997 17:27:04 EDT  
From: Conway Yee <cyee@bidmc.harvard.edu>  
To: ea8yu Goran <rodriguez@jet.es>, <qrp-1@Lehigh.EDU>  
Subject: [24423] Re: Numerous Questions?  
Message-ID: <08061997172704.3N125T@email.bidmc.harvard.edu>

Re: a member of qrp-1 asking what a baseball card is.

Oops, baseball cards are cardboard approximately 6cmx9cm (VERY approximate) with pictures of the baseball player on one side and his statistics on the other. They are considered collectable here. Some people store them in sheets of plastic. The sheets have pockets in which the cards can be placed. Nine cards can be placed in a single sheet (~A4 or 8.5x11).

Ziploc bags are a kind of clear plastic bag in which the tops can be sealed by squeezing the top. Kinda hard to describe.

tnx es 73 de Conway Yee, N2JWQ

-----  
Date: Wed, 06 Aug 1997 17:25:14 EDT  
From: wa5whn@juno.com  
To: qrp-1@Lehigh.EDU

Cc: Bowles@cmf.org, ki7mn@dancris.com, w5bi@flash.net  
Subject: [24424] QRP AFIELD, relay, from W1CSB  
Message-ID: <19970806.152048.9767.0.wa5whn@juno.com>

## QRP AFIELD - 1997

QRP AFIELD - 1997 is sponsored by the QRP Club of New England and is designed to encourage QRP enthusiasts to field-test their radio equipment using temporary antennas and non-commercial power sources.

### Date/Time

Saturday, September 20, 1996. 1600Z to 2400Z. You may operate a maximum of six hours during the contest period.

### Exchange

QRP-NE Members: RST, State/Province/Country,  
QRP-NE#  
Non-Members: RST, State/Province/Country, Power  
Output

### Definitions

Permanent Location: Any location using commercial power and/or permanently installed antennas.

Field Location: Any location using non-commercial power and temporary antennas.

High Power QRP: 1 to 5 watts output.

Low Power QRP: Less than one watt output.

### Scoring (CW only)

1 point for each contact from a permanent location using high power QRP.

2 points for each contact from a permanent location using low power QRP.

4 points for each contact from a field location using high power QRP.

8 points for each contact from a field location using low power QRP.

### Multipliers

Each State/Province/Country worked counts for one multiplier.

### Multipliers

may be counted only once regardless of band worked.

## Awards and Results

A plaque will be awarded to the station with the highest point total.

Certificates will be awarded to the ten stations with the highest point

totals. To receive a copy of the contest results, please include a #10

SASE with your contest submission.

## Address

Chester (Chet) Bowles, W1CSB

RFD 2, Box 335L

Sharon, NH 03458

QRP AFIELD - 1997

Entry Form

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_ QRP-NE# \_\_\_\_\_

\_\_\_\_\_

Total Number of  
Contacts \_\_\_\_\_

Point/Contact \_\_\_\_\_

(1) X \_\_\_\_\_ = \_\_\_\_\_

Subtotal \_\_\_\_\_

Number of Multipliers Worked (2) X \_\_\_\_\_

FINAL

SCORE = \_\_\_\_\_

### 1. Points per contact:

1 point for each contact from a permanent location using high power QRP.

2 points for each contact from a permanent location using low power QRP.

4 points for each contact from a field location using high power QRP.

8 points for each contact from a field location using low power QRP.

2. Multipliers: Each State/Province/Country worked counts as one multiplier. Multipliers may be counted only once regardless of band worked.

Transmitter/Xceiver \_\_\_\_\_

Power

Output \_\_\_\_\_

Receiver \_\_\_\_\_

Power

Source \_\_\_\_\_

Antenna

-----  
Location

-----  
Comments

-----  
Submit Logs and Dupe Sheets to: Chester (Chet) Bowles,  
W1CSB  
RFD 2, Box 335L, Sharon,  
NH 03458

-----  
Date: Wed, 06 Aug 1997 14:38:48 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Cc: Homebrew Amateur Radio Discussion <homebrew@qsl.net>  
Subject: [24425] PIXIE2 330 mW Success!!!!  
Message-ID: <33E8EEE8.756E@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've got great news regarding my Pixie2! I have now  
reached 330 mW at 7.04 MHz and a little more than  
400 mW at 3.579 MHz!

First I'd like to say that this is an excellent  
transceiver project. Very simple and a tremendous  
learning experience for those who will go all the way  
and insist on extracting the last bit of performance  
out of the rig.

What I did: Swapped out the Q2 Final 2n3904 transistor  
with a 2n2222A. It immediately went from 2.X volts on the  
detector to 5 Volts. I was so excited I immediately called  
back a CQ-er and got a QRZ? de .... I called 2 more times  
and got a WE6? de .... Never QSO'd with the Pixie2 but did  
get a SRI QRN too Weak etc...

Hooked up the HW-8 and after bidding my time while he qso'd a third party, finally connected and had an excellent rag chew. He was in Tacoma Washington. My QTH Santa Rosa, CA. I think that's about 900 miles north of me. Don't remember the Call so no QRZ database check on the miles yet.

I also added a .01 uF cap from the + supply line to ensure adequate RF bypass. Currently the XTAL provides this function but I decided to go the extra mile.

Also changed the PI output network to 390pf-1uH-560 uF per w1fb mods. (Didn't change the 1uH to 1.5uH yet.) This added another 15 mW or so to my 100 mW of yesterday. The transistor change was afterward.

Still Way too much BC coming in so will attempt to solve this problem someday. The BC station is about 4 miles away and you can pick them up with rig off (Almost).

On Diode Detector Power Measurement conversions:  
Unless you've got an exceptionally accurate power meter to calibrate you xtal detector, I've determined that significant non-linearity exists as to make the detector useless.

I have computed a 'K' factor for my detector where  
Voltage \* 'K' = Vrms  
Power = (Vrms)<sup>2</sup> / 50

The 'k' factor ranges from 2.147 at 100 uW to .812 at 330 mW.  
A .85 'k' factor gives less than 10 % error at power levels between 10 mW and 300 mW.

To compute your detector 'K' factor:  
 $K = \sqrt{Pwr * 50 \text{ Ohms}} / \text{Volts}$  ; where Pwr is Lab-Quality measured.

NOTE: No need to do a Peak\*.707 for rms, 'K' factor only needed.

I'm putting this note on my pixie2 web page section for reference.

Happy QRPp operation to all!

-Ed Loranger



--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.  
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----

Date: Wed, 06 Aug 1997 15:04:32 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [24426] 80 Watts QRP to a wet Railroad Tie!  
Message-ID: <33E8F4F0.50BF@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, not really. :)

Heard Sam, KH6AFS on 7032 last night from my NORCAL QTH.

Surprized to hear him running 80 Watts to inverted VEE.

Sam the QRP King with Rhombic and Sterba Curtain Cannons  
out of Hilo, HI.

If he ever runs 80 Watts to these guns I'm putting marshmallows  
on my antenna and get some graham crackers and chocolate squares!

Just hope the Badgers can't climb the roof.

Oh, buddy at work gave me a 1959 vintage EICO model 710  
grid dip meter. Came with everything and works FB!

"Swans Fly swiftly with the wind."  
Woo Hoo! Pixie2.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.  
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

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Date: Wed, 6 Aug 1997 14:46:18 -0700 (PDT)



Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 12:41 PM 8/6/97 -0700, you wrote:

>> The platypus is pining for the fjords.

>Authenticate: medallion. The kiwi is on the wing.

>

>[note: I think we ought to change the code book, guys, to make this look a  
>little more like 'normal' traffic... a flying kiwi? 'cmon!!! ]

W H A T ???

You mean this isn't normal for this reflector.

I've learned more about badgers than I ever cared to learn, and now it  
looks like we're gonna get lessons on other creatures, platypus and kiwi's.  
And I thought I left the fiords in Greenland!

--

Bill Myers      KK4KF      Grid - EM60rk  
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42  
CQC#386 NE#508 AK/QRP#081  
Snail Mail      P. O. Box 178 Shalimar, FL 32579  
e-mail          <bjmyers@arc.net>  
homepage <http://www.nfds.net/~bmyers/>  
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE  
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

-----  
Date: Wed, 6 Aug 1997 17:35:32 +0000 (GMT)  
From: Jim Glover <psykey@okcforum.org>  
To: qrp-l@fidoii.CC.lehigh.EDU  
Subject: [24429] CW operating procedures  
Message-ID: <199708061735.RAA00777@okcforum.org>  
Content-Type: text

Hi...

I've found that, after many years off the air (as far as CW is  
concerned, anyway) I still remember the code--albeit at a much  
slower rate than I once did--but I'm rusty on the procedures  
used in CW QSO's.

I believe the ARRL operating manual is a good source of info

about how a CW exchange should proceed, but, alas, I do not have a copy (and I've already spent my ham radio budget for the month). The local library doesn't have a copy of the operating manual, either.

Could anyone recommend an old article in QST (old, because the library stopped subscribing to QST a few years ago), a web page, or some other readily-available reference about how it's done using CW?

Thanks in advance for your suggestions.

--Jim WB5UDE

-----  
Date: Wed, 6 Aug 1997 23:48:16 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [24430] 10.7cm Flux Values  
Message-ID: <199708062248.XAA01492@chuck.dallas.sgi.com>

Current value measured Aug 6, 1997 is 77.

By any chance is someone plotting these puppies?

Chuck Adams K5FO CP-60 adams@sgi.com  
<http://reality.sgi.com/adams/index.html>  
K5FO's online Morse Code course --- see the home page  
WIMPS: Qs=049 30m=35 17m=5 12m=0 States=24/05/00 DX=03/00/00 QSLs=016

-----  
Date: Wed, 06 Aug 1997 17:17:18 -0500  
From: Bob Liesenfeld <wb0poq@visi.com>  
To: QRP-L reflector <qrp-l@Lehigh.EDU>  
Subject: [24431] FDIM paper  
Message-ID: <33E8F7EE.B118106@visi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi gang,

I ordered a copy of the papers presented at FDIM, but the BASIC program at the

end of Mike Perry's "PIE's Forte" is unreadable. Anybody able to E-mail me a copy? Thanks.

dit dit

--

Genuine E-mail From the Land of the Everlasting Icicle...

Bob Liesenfeld

wb0poq@visi.com

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Date: Wed, 6 Aug 1997 16:36:05 +0000

From: "Marshall Emm" <mgemm@mtechnologies.com>

To: ea8yu Goran <rodriguez@jet.es>, qrp-l@Lehigh.EDU

Subject: [24432] Re: CW training

Message-ID: <199708062236.QAA04595@bobcat.sni.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

>>of that is in HTML format. Does anyone know a program to  
change HTML to ASCII file so it can be used by for  
example the Super Morse program? It is not very nice to  
<<

Why, yes! Any internet browser should do that-- certainly Netscape  
does. Just hit File.. Save As and change type from  
htm to txt.

That will give you a file you can use with my CODEMASTER V program,  
too [g]. (Chuck, this is an appropriate response to a direct  
question, not an ad! [g]) You can even set CM5 up to handle  
non-English characters.

73

Marshall Emm

N1FN/VK5FN

n1fn@mtechnologies.com

<http://www.mtechnologies.com/mthome>

(303)752-3382

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End of QRP-L Digest 810

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